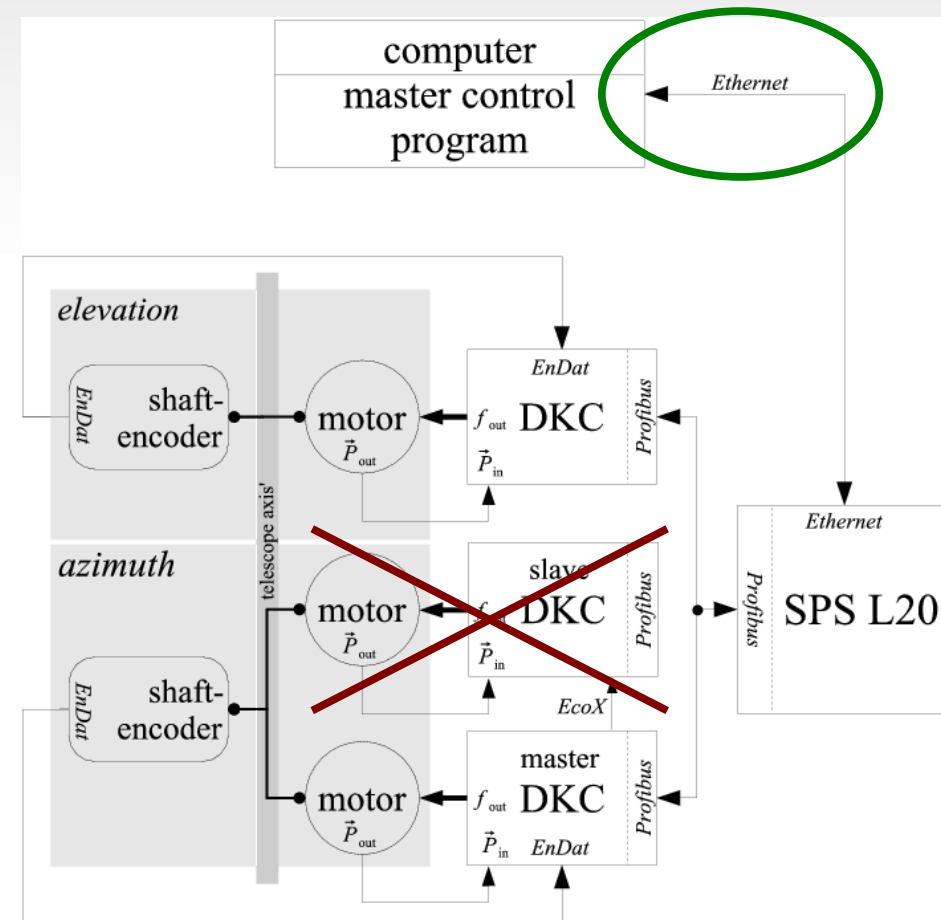


- We bought
  - New motors, 1.2kW each
  - New planetary gears
  - Control electronics (IndraDrive similar to the DKC and a SPS)
- The mechanics is in our workshop to build an adapter from the new gears to the old gears.  
the necessary parts.



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- The diagram illustrates the control architecture for a telescope axis. At the top, a 'computer master control program' is connected to an 'SPS L20' unit via an 'Ethernet' link. The 'telescope axis' is divided into two main sections: 'elevation' and 'azimuth'. The 'elevation' section includes a 'shaft-encoder' and a 'motor' connected to a 'DKC' (Digital Control Kernel) block. The 'azimuth' section includes two 'motors' connected to 'DKC' blocks, one labeled 'slave' and the other 'master'. The 'DKC' blocks are connected to the 'SPS L20' via 'Profibus'. The 'SPS L20' is also connected to the 'computer master control program' via 'Ethernet'. A red 'X' is drawn over the 'azimuth' section, indicating it is not part of the current study.